

The European Commission's
**100 Intelligent Cities
Challenge**

COVID-19 WEBINAR
3 April 2020



European Commission

HELP YOUR CITIES RESPOND EFFECTIVELY TO COVID-19

The European Commission's
**100 Intelligent Cities
Challenge**



Coronavirus COVID-19

Prevention

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Intelligent Cities Challenge – objectives

Shaping the cities of tomorrow

The 100 Intelligent Cities Challenge (ICC) is a unique opportunity for evolving **EU cities to join a community that leverages digital and advanced technologies** to deliver **green smart sustainable growth**. This will help cities to improve the quality of life and create new opportunities for their business communities. These technologies will also help tackle the pandemic crisis and help reconstruct their economies. The ICC will **build on the success of the Digital Cities Challenge**, which helped 41 EU cities develop a strategic vision and a roadmap for digital transformation.

The goals and vision

ICC cities will receive tailored guidance and expert support, access to advisory and city peer networks (European and international), and capacity building tools, to drive priority policy goals and the uptake of advanced technologies.

Through its action oriented and collaborative approach, the ICC will offer cities a unique opportunity to:

- **Identify local strengths and formulate priorities and real needs:** conduct performance assessments, define strategic goals and implementation roadmaps;
- **Engage in long-lasting collaborations to co-create and co-design:** joint open data platform, EU marketplace for city solutions and joint investments/procurements;
- **Learn from and share experiences** with local and international peers and mentors.

The vision is to create a better future for your businesses and citizens.

The ICC is part of wider EU support contributing to the European Green Deal, an economy that works for people and a Europe fit for the Digital age.



The Intelligent Cities Challenge is funded by COSME, the EU programme for the Competitiveness of Enterprises and SMEs

The European Commission's
100 Intelligent Cities
Challenge

Cities' Response to COVID-19 Webinar

Objectives:

Overview of the European Commission response to the COVID-19 crisis;

Short-term response: effective city-led initiatives to tackle the pandemic;

Mid to long-term: local exit strategies and post-Corona recovery and reconstruction of the economy;

Efficient **technologies used by cities;**

How **industrial clusters and DIHs** help cities tackle the pandemic.



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The European Commission's
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ICC COVID-19 Webinar – “Responding to Coronavirus at a City-Level”

| Time | Item | Speaker |
|-----------|---|--|
| 4:00-4:05 | Introduction and overview of the Commission response | Dana Eleftheriadou - EU Commission |
| 4:05-4:40 | An overview to COVID-19 in the EU Safeguarding livelihoods – city-driven responses to economic impacts Safeguarding lives – city-driven responses to health risks Effective preparation – how to manage a city in a crisis | Sven Smit - McKinsey expert Sven Smit - McKinsey expert Angela Spatharou - McKinsey expert Angela Spatharou - McKinsey expert |
| 4:40-5:30 | Cities in the fight against COVID-19 and planning the post-Corona recovery: best practices, technologies, lessons learnt and future plans | Mikko Rasuma - Helsinki Veera Vihula, Petri Häkkinen, Satu Laukkanen - Espoo Sébastien Viano, Alain Chateau - Nice |
| 5:30-5:55 | Industrial clusters and DIHs supporting cities against COVID-19 | Andrea Halmos - EU Commission; Emilija Stojmenova - 4PDIH Eva Revilla Penaranda - Cluster Collaboration Platform |
| 5:55-6:00 | Closing remarks | Dana Eleftheriadou - EU Commission |

Moderated and chaired by Dana Eleftheriadou - EU Commission

Agenda

01

Introduction

02

COVID-19 in the EU – now
and in the future

Economy – safeguarding
livelihoods

03

Health – safeguarding
Lives

Effective preparation

04

Cities in the fight against
COVID-19 and planning
the post-Corona
recovery

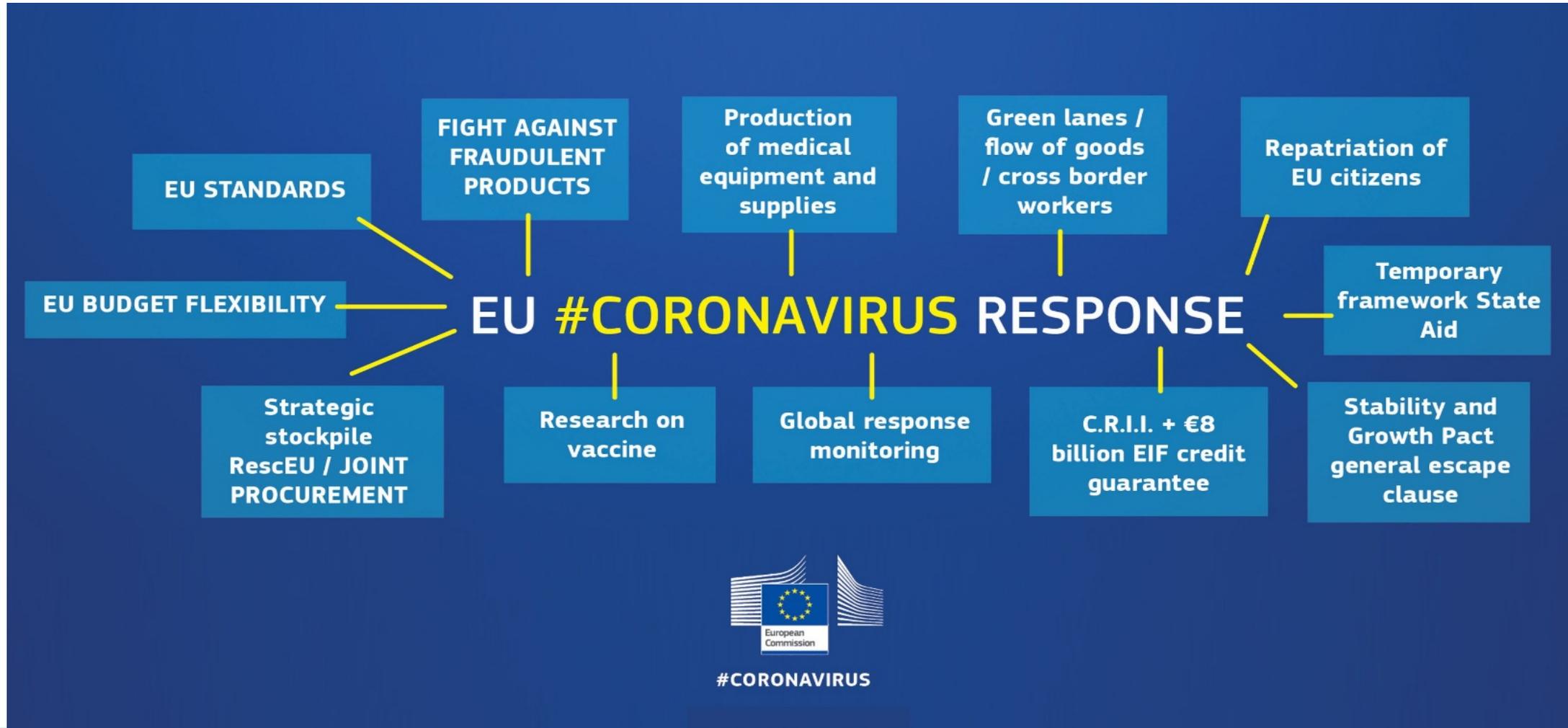
05

Clusters and DIH

Iordana Eleftheriadou, Head of Advanced Technologies
and Digital Transformation, DG Grow – EU Commission

Q&A will
feature
throughout

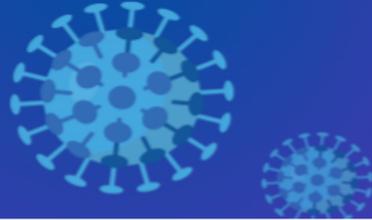




Commission

SURE

Supporting Member States to help protect people in work and jobs



1 What is SURE?

The new instrument for temporary Support to mitigate Unemployment Risks in an Emergency (SURE) is designed to help protect people in work and jobs affected by the coronavirus pandemic.

This is a strong expression of solidarity between Member States through the EU to protect people's jobs



Targeted at protecting people's jobs



Temporary financial support



Fast deployment



Complements national efforts



Solidarity between Member States

2 How does it work?



It will provide financial assistance, in the form of loans granted on favourable terms from the EU to Member States, of up to €100 billion in total.



These loans will assist Member States to address sudden increases in public expenditure to preserve employment.



Specifically, these loans will help Member States to cover the costs directly related to the creation or extension of national short-time work schemes, and other similar measures they have put in place for the self-employed, as a response to the current crisis.



By avoiding wasteful redundancies, short-time work schemes can prevent a temporary shock from having more severe and long-lasting negative consequences on the economy and the labour market in Member States.



This helps to sustain families' incomes and preserve the productive capacity and human capital of enterprises and the economy as a whole.

3 How is it triggered?



1 Businesses experiencing difficulties are forced to temporarily reduce their activities and the working hours of their employees as a result of the coronavirus pandemic. Similarly, self-employed lose their income.



2 Member States decide to activate short-time work schemes to preserve employment and assist the self-employed. This leads to sudden increases in public expenditure



3 Member States make a request to the Commission for financial support through SURE to help finance this expenditure



4 Commission consults the Member State to define the terms of the loan, based on an evaluation of the increase in public expenditure



5 Commission presents a proposal for a decision to the Council to provide financial assistance



6 Once approved, the financial assistance will take the form of a loan from the EU to the Member State on favourable terms

4 How much money is available?



Up to **€100 billion** of loans provided to Member States

backed by



€25 billion of guarantees voluntarily committed by Member States to the EU budget to leverage the financial power of SURE

COVID-19 WEBINAR

3 April 2020

The European Commission's
100 Intelligent Cities Challenge



COVID-19: European Solidarity in action

#COVID19 #EuropeUnited



28 March 2020

Across the European Union, countries, regions and cities are stretching out a helping hand to neighbours, helping those most in need. This is European solidarity in action.

Snapshots of European Solidarity

France has donated 1 million masks to Italy and Germany has donated 7 tons of masks and other protective equipment, helping save lives.

Tens of thousands of European citizens have been repatriated from abroad, with most flights being intra-European.

European solidarity in treating patients

Cities and states across Germany are treating critically ill patients from Italy and France, making their own intensive care beds available for Italian and French citizens.

Cases from Italy are offered treatment in Saxony, Brandenburg, Berlin, Bavaria, Hessen, North-Rhine-Westphalia and Lower Saxony.

The German Foreign Ministry confirmed a total of 73 intensive care beds for Italian patients.

Examples: In the city of Leipzig two patients from Bergamo, northern Italy, have arrived. Hessen is taking 10 patients from its partner region Emilia-Romagna.

Intensive care patients from France are being treated in the states of North-Rhine-Westphalia, Rhineland-Palatinate, Hessen and Saarland.

Seven French intensive care patients from Mulhouse, France, have been airlifted and are being treated in Luxembourg.

500 mobile medical units co-financed by the EU will soon be operational and be able to test citizens at their homes.

South Tyrol (Italy) has provided personal protective equipment to Tyrol (Austria), whereas Tyrol is providing hospital beds for patients from South Tyrol.

European solidarity in protecting health workers and citizens

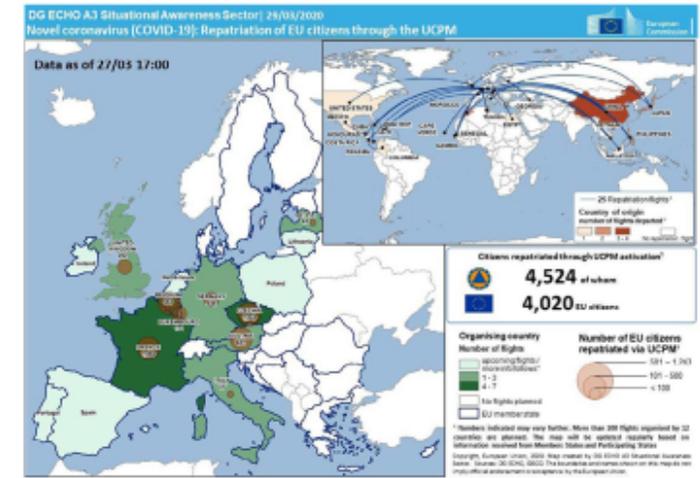
- France** France has donated 1 million masks to Italy and 20,000 protective suits.
- Germany** Germany has delivered 300 ventilators to Italy.
- Austria** Austria transported 1.5 million masks to Italy.
- Czechia** Czechia offers 10,000 protective suits to Italy and another 10,000 to Spain.

European solidarity in bringing people home

- EU** Since the beginning of the outbreak, on board of 25 repatriation flights facilitated and co-financed by the EU Civil Protection Mechanism, over 4,020 stranded EU citizens have been brought home so far, 30% of passengers repatriated were European citizens from a different nationality than the country organising the repatriation flight.
- Austria, Belgium, France, Germany, Italy, Latvia, Luxembourg and Czechia**, but also the UK, repatriated more than 1,150 EU citizens from different Member States. More than 100 flights organised by 12 countries are currently planned in the coming days and seats are made available to other EU and UK nationals.

- France** France repatriated citizens of 22 EU countries. A flight from Wuhan, China, in early February carried 64 French citizens and 135 other EU citizens.
- Belgium** Belgium repatriated citizens of 14 EU countries.
- Luxembourg** Luxembourg repatriated citizens of 9 EU countries. A flight from Cabo Verde on 25 March carried just 20 Luxembourgish citizens and 131 other EU citizens.
- Germany** Germany repatriated citizens of 8 EU countries.
- Czechia** Czechia has already organized 10 flights; one from Vietnam, under the EU Civil Protection Mechanism, carried 193 Czechs and 95 EU citizens safely to their homes.
- Austria** Austria repatriated citizens of 10 Member States from Marrakesh, Morocco.

- Latvia** Latvia repatriated citizens of 5 Member States.
- Italy** Italy repatriated citizens of 6 Member States from Tokyo, Japan.
- Slovakia** Slovakia arranged for a flight from the US repatriating 300 EU citizens from 4 Member States. Six other flights are already planned.
- Germany** Support to 600 Estonians, Latvians and Lithuanians to return home by ferry.



Disclaimer: The examples in this factsheet are not exhaustive. The figures are based on the most recent available sources from EU Member States via the Common Emergency Communication and Information System (CECIS). While the Commission seeks to keep the information up to date, we take no responsibility of any kind, express or implied, about the completeness and accuracy of the information contained in the table.

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People presenting today



Sébastien Viano

Director of Europe and External Funding - Nice



Alain Chateau

Director Center of Excellence - Métropole Nice Côte d'Azur



Sven Smit

Senior Partner -McKinsey



Angela Spatharou

Partner - McKinsey



Dana Eleftheriadou

Head of Advanced Technologies and Digital Transformation, DG Grow - EU Commission



Emilija Stojmenova Duh

Director – Digital Innovation Hub - Slovenia



Veera Vihula

Development Consultant - Espoo



Petri Häkkinen

Chief Security Officer - Espoo



Satu Laukkanen

Security Coordinator - Espoo



Eva Revilla Penaranda

Policy Officer for Eu Industrial Clusters



Andrea Halmos

DG Connect Policy Officer, Unit H5 – Smart Mobility and Living, EU Commission



Mikko Rasuma

Chief Digital Officer – Helsinki
(Recorded)

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01

Introduction

02

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Health – safeguarding Lives

Effective preparation

04

Cities in the fight against COVID-19 and planning the post-Corona recovery

05

Clusters and DIH

Mikko Rasuma, Chief Digital Officer - Helsinki

Sébastien Viano, Director of Europe and External Funding - Nice

Veera Vihula, Development Consultant; Petri Häkkinen, Chief Security Officer and Satu Laukkanen, Security Coordinator - Espoo

Q&A will feature throughout



Rusama Mikko

Chief Digital Officer, City of Helsinki and
Chairman Of The Board at Forum Virium
Helsinki



Rusama Mikko, Helsinki



Mikko is heading Helsinki's digital transformation. His task is to advance utilisation of digitalisation in the City organisation, produce digital reforms essential to the implementation of the City Strategy and manage the related processes of change

Relevant experience

Since 2018: Chief Digital Officer, City of Helsinki

Since 2019: Chairman of The Board at Forum Virium Helsinki

Background

Mikko has more than 20 years versatile experience within the development of digital services and products, mainly in the media, games and public sectors.

Earlier he held the position of Chief Digital Officer at Finland's national broadcasting company Yle. Mikko has also worked for companies such as Sanoma, Sulake, European Game and Entertainment Technology and Codetoys.

Mikko has MSc in Computer Science and MBA from the Henley Business School.

Key reflections in video today

Value of effective preparation, data-driven tracking and citizen engagement techniques



ESPOO

Resilient Espoo – dealing with the Covid-19 crisis

Development Consultant Veera Vihula
3.4.2020

Contents

1.

Situation in
Finland and
actions taken

2.

Communication
and digital
services

3.

Schools and
daycare

4.

Remote work

5.

After the
crises?

Key figures, Covid-19 epidemic in Finland:

26500

By 3 April, more than 26,500 samples meeting the sampling criteria have been analysed in Finland.

Ca. **1615**

By 15.30 on 3 April, a total of 1,615 laboratory-confirmed cases of the novel coronavirus (COVID-19) have been diagnosed in Finland.

180/117

People in patient care or intense care Nation wide and in Helsinki University Hospital area

Actions in Finland and Espoo

Government

- The Government, together with the President of the Republic, have declared a state of emergency in Finland due to the coronavirus situation.
- Measures implemented by the Government have included the closure of schools and educational institutions, restrictions on public meetings and travel and border crossing, and an increase in social and health care capacities. The policies will be in force until 13 May 2020.
- On 27 March, Finland's Parliament approved the Government's proposal for restricting travel between Uusimaa and Finland's other regions. Restrictions on travel will be in force until 19 April 2020

Espoo

- Espoo is following the instructions of the Government and Finnish institute for health and welfare
- Schools, museums, libraries and sport facilities have been closed and all events cancelled. Employees are working remotely if their tasks allow it.
- Espoo's State of emergency task force meets 3 times a week or daily if needed. It is lead by the mayor and it includes deputy mayors and heads of key departments.
- Social and health services have their own task force which instructs the daily operations on the sector.
- Espoo is in close cooperation with other cities (C21 and C6) and other authorities and networks to share information and best practices.

Preparedness and proactive measures

Government

- Up to date legislation
 - the Communicable Diseases Act, which entered into force on 1 March 2017.
 - State of emergency (2012)
- National emergency supply
- Directions for Hospital regions preparing to epidemics updated 2012
- Collaboration between different authorities

Espoo

- The Security and Preparedness unit is in charge of security planning, information and cyber security, data protection and preparedness.
- The unit takes care of coordinating and improving overall security across the city, strategic security planning and the planning and steering of overall contingency
- Espoo has an inner network that works to ensure preparedness on city level. Key is to understand cross-sectoral effects between services.
- General Directions for Preparedness state the principles for preparedness and continuity management and give guidelines for sectoral planning. Plans are kept up to date.
- Chief Security and preparedness officers in greater Helsinki region have a regional network also in collaboration with the Police, Defense forces and Rescue department. Also shared rehearsals are held to ensure interoperability.

Communication and digital services

- The City of Espoo collects information about the coronavirus, its effects on the city's operations and advice for Espoo residents on the official website www.espoo.fi. The website is updated as the situation changes.
- All information is both in Finnish and Swedish (official) but also in English.
- Short instructions are also provided on 12 other languages
- Espoo communicates firstly on the official website, but also using social media accounts.
- City of Espoo Service Points will continue to serve customers as usual despite the coronavirus. However, we recommend that all customers postpone their non-urgent errands or contact the Service Points by phone or chat.

- **Culture and sport services are provided [online](#).**
- Sport services provide Video instructions to keep up the activity.
- Espoo City Theatre streamed its [premier of the Lehman trilogy](#) online (in Finnish) on the 27th of March
- Espoo City Library, together with the network of metropolitan area libraries, Helmet, offers vast multilingual [eLibrary](#). This service has been in use for years but is now been developed further.
- The collections of [Espoo City Museum](#) can be explored online and also other online museum experiences are provided via links.
- The new cultural online service, [Kotona247](#), streams live concerts by Tapiola Sinfonietta and other artists. The [first live stream of folk artist Viitalan Piia](#) at Espoo Cultural Centre attracted even more participants than the physical concert hall would've allowed for.

E-services on social and healthcare services

- One health centre has been transformed into infection centre, it focuses on treating people with respiratory tract symptoms
- Health centres serve now only patients with an appointment. Those are booked via phone where the symptoms are assessed first.
- If someone suspects they may have contracted the coronavirus, they can assess their symptoms through the Omaolo online service (in Finnish and Swedish). They will then receive instructions on what to do based on their symptoms.
- Video appointments with an on-call nurse are available and can be booked online.
- Mental health and substance abuse services are offering Concern hotline to help people who are feeling worried or anxious.
- **Many of these practices aren't new, but they are now needed more and enforced more and people are using them actively.**

Schools and preschool daycare

- Day care centres will remain open and pre-primary education will continue. This will ensure that guardians working in sectors critical to the functioning of society can go to work. Parents are highly encouraged to arrange childcare at home.
- Contact teaching in grades 4–10 (ages 10-15) will mostly be suspended, and pupils will study from home. The schools will give instructions on the teaching arrangements to the pupils and their guardians
- All pupils in grades 1–3 (ages 7-9) of basic education may come to school to attend contact teaching. However, it is recommended that pupils should study from home, if possible.
- All students at Espoo's general upper secondary schools will study from home.

- **School at home doesn't mean homeschooling!**
 - Teachers are responsible for planning and scheduling the lessons. Parents may need to supervise time to time, but they don't need to plan or facilitate the studies.

- **Schools and teachers were able to react very quickly (on days notice) to the need to arrange lessons virtually.** This was made possible by
 - Our very talented and highly educated teaching staff and their efforts and resourcefulness
 - New technologies and virtual tools and applications are everyday life in Espoo's schools. Teachers and students are used to the technologies in teaching and learning. Earlier investments on building these capabilities now paid off.
- [https://www.espoo.fi/en-US/Distance_education_took_a_leap\(178916\)](https://www.espoo.fi/en-US/Distance_education_took_a_leap(178916))

Working from home

- All employees whose job allows them to work remotely are doing so
 - Employees are encouraged to study if they now have more time, for example everyone is required to take an course on Information security and GDPR.
- Espoo has decided not to lay off people for the time being. Employees that cannot run their normal tasks are asked to join the “resource pool” from where people are directed where help is needed based on their education and skills.
- Working remotely is business as usual for some but a new arrangement for others.
- Office 365 tools are in use and available for all Espoo employees, everyone having the access to cloud service.
 - Transition to O365 environment was done during 2018-2019. Support for the tools have been offered and the support continues also during the isolation.
 - Again, investing in modern systems and solutions is now paying off and have made the transition easier.
- VPN connection is provided for those who need it. O365 environment works without it.
 - Our security department and Chief of Information Security have also provided instructions how to make sure information security in ensured.
- There hasn't been issues with the connections. ICT department has stopped all development projects and focuses now on ensuring connections firstly for social and health care services and secondly for others.

Surviving with the community – after the crises?

- Espoo is putting the people first and making sure all actions are now focused on ensuring the capabilities of our Social and health services to tackle this disease.
- That said, the effects on economy both on public and private sector need to be taken into consideration.
 - Actions to assess the economic and social effects are taken with different scenarios. All departments are asked to give an estimates how the crises effects their budget. Support for the municipalities is needed from the government and discussions with the Ministry of Finance and the cities are held.
- Espoo is working together with it's networks also during the crises
 - Business Espoo is offering helpline for local businesses. Companies can talk with one of BE business advisors. No appointment booking is needed. Advisors can tell about different sources of support, help to find information and work on solutions.
 - VTT Technical research centre, and Espoo have already a shared projects to use big data and AI to do long term impact assessment about the local ecosystem services. Now we are doing a project, where we use VTT s data analyzes methods to find ways to normalize the situation and find way Back to the new normal
 - Citizens are active: Karanteenissa.fi web service has been created by five students that want to do everything they can to help. Website combines information about different services to minimize the effects of the Corona virus.
- **For Espoo the way before crises, during the crises and coming out of the crises is the same: together in collaboration with our citizens, companies and communities**

Thank you!

Further information:

Chief Security Officer, Petri Häkkinen, petri.hakkinen@espoo.fi

Security Coordinator, Satu Laukkanen, satu.Laukkanen@espoo.fi

Director, City as a Service Development, Päivi Sutinen, paivi.Sutinen@espoo.fi

Webinar on Cities response to Coronavirus
3 April 2020

*Presentation by the City of Nice / Métropole
Nice Côte d'Azur*

Sébastien VIANO, Director Europe and External Funding
sebastien.viano@nicedotedazur.org



European
Commission

100

INTELLIGENT CITIES CHALLENGE

THE SUCCESSOR TO THE DIGITAL CITIES CHALLENGE

Case Study City: *City of Nice - France*

General Description of the City

- Fifth largest city in France
- 350 000 inhabitants part of the Nice Côte d'Azur metropolitan area (49 municipalities, urban and rural, more than 500 000 inhabitants)
- Borders with Italy and Monaco
- World-renowned tourism destination
- Smart city model; Mentor city of DCC

NICE CÔTE D'AZUR IN FIGURES



- 2^e** International airport in France
- 2^e** Tourist destination in France
- 14 million** passengers
- 61%** of international traffic
- 17** direct destinations to **40** countries
 - 30 flights a day to London,
 - 34 to Paris,
 - 1 to New York, Dubai and Moscow
- Europe's **2nd** airport for business aviation
- France's **2nd** congress destination

April, 2: Covid-19 Situation in the Alpes-Maritimes department

- 183 Covid-19 hospitalised people
- 61 people in intensive care
- 32 dead people



- 49** municipalities
- 563,000** inhabitants
- 160** nationalities
- 230,000** jobs
- 2,033** foreign-invested enterprises
- 36,200** students
- 47** laboratories used for scientific research
- 13** international schools
- 4,000** jobs in clean technology

Case Study City: *City of Nice - France*

Emergency measures (health, social care and security)

- Reorganisation of the local administration (priority services / teleworking deployment)
- Nurseries and schools for the mobilised staff (health, social, security)
- Development of transport supply (free transport for mobilised staff)
- COVID-19 drive-in tests for mobilised staff and fragile population
- Surgical masks drive-in for health, social services personnel and pharmacies
- Remote medical consultations and call center for psychological support
- First level information call center for citizens
- Welfare volunteer service for people in need
- Home delivery platform for the elderly
- Emergency call center for victims of domestic violence
- Sheltering of people in precarious situations
- Disinfection of public spaces and public transport vehicles
- Security continuum (national and municipal police forces) to protect public spaces
- Drone to ask people to follow containment rules
- Closure of some public spaces (Promenade des Anglais) and curfew from 10pm to 5 am



Economic consequences of the health crisis

- Major impact on the metropolitan economy : a near-stop to the local economy
- Thousands of jobs and enterprises are concerned
- 90% of enterprises of the territory are impacted at different levels
- Locations : mainly Nice 64%, Cagnes sur Mer 7%, Carros 4%, Vence 4%, and Saint-Laurent du Var 3%,)
- Sectors: trade 49%, services 46% and industry 4% ;
- Strong repercussions on the tourism industry (cancellation of events and congresses, all the value chain is impacted)
- 30.000 very small companies (of less that 5 employees) are in danger

Urgent need to preserve activities and jobs and to mitigate the social and economic impact !

Short-term measures

The Council of Mayors of the Métropole decided on 24.03.2020 to propose exceptional measures to be voted on 3.04.2020

- Cancellation of rents for companies and businesses located in municipal premises
- Payment of rents for auto-entrepreneurs and small businesses (up to 500€ per month)
- Cancellation or postponement of taxes (tourist tax, occupation of the public domain)
- E-administration/Dematerialisation to examine funding requests
- Accelerated payment of invoices and 40% advance payments for winners of public tenders
- 1 million € contribution to the 8M € support fund coordinated by the Chamber of Commerce and Industry Nice Côte d'Azur(refundable advances to face cash-flow challenge)
- Provide visibility to local traders

- Difficulties encountered : unprecedented scenario ; cautious handling of the statistics because of the evolving situation and decisions at national level ; channel additional external funding (various support schemes : local, regional, national, European / lack of clarity)

Case Study City: *City of Nice - France*

Mid-term measures and post-coronavirus recovery

- Recovery plan to be defined
- Promotion campaign to be launched for the tourism destination and our big events

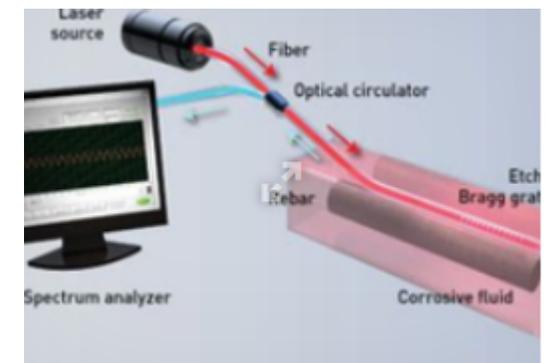
Where should the EU effort should focus?

- Channel funds under the CRII (EU coronavirus response investment initiative) to meet the concrete needs of cities and enterprises (make it easy)
- Support post-crisis resilience strategies at local level
- Support the tourism sector and promote the EU destination
- Propose EU-funded cooperation projects on better preparedness, crisis management and resilience (Urbact, financial instruments, innovation programmes)
- Political frameworks : Leipzig Charter ; Nice as coordinator of the EU Urban Agenda on Security

Case Study City: *City of Nice - France*

Nice continues to support innovation !

- Use of a drone (DJI Mavic 2 type) equipped with a 100 db loud speaker to fly over the city centre and the main roads to enforce the containment measures.
- AI-ROBOTICS vs COVID-19 initiative of the European AI Alliance : referencing our start-ups in the catalogue of technologies.
- Partner in an H2020 Project recently submitted (IMI Call “Development of therapeutics and diagnostics combatting coronavirus infections”) - developing an optical testing platform to detect ultra low concentration of Covid



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01

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Clusters and DIH

Andrea Halmos – DG Connect Policy Officer, Unit H5 - Smart mobility and living – Digital Innovation Hubs

Emilija Stojmenova Duh – Director, Digital Innovation Hub, Slovenia

Eva Revilla Penaranda - DG Grow Policy Officer, Unit F2: Advanced Technologies, Clusters and Social Economy - Cluster Collaboration Platform

Q&A will feature throughout





Digital Innovation Hubs helping public administrations respond effectively to COVID-19

ICC COVID Webinar 03/04/2020

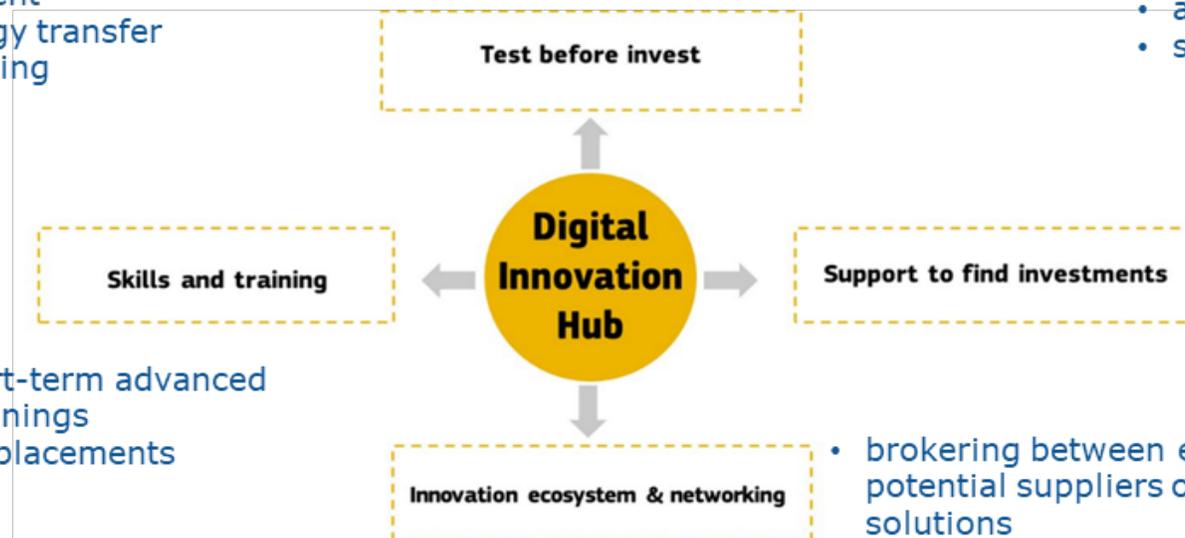
*Andrea Halmos, Policy Officer
European Commission, DG CONNECT*

Digital Innovation Hubs (DIHs)

A coordinated group of organisations with complementary expertise and a not-for-profit objective, offering a set of services to companies – especially SMEs (incl. Start-ups) and mid-caps as well as to public sector organisations – to support their digital transformation.

- awareness raising
- digital maturity assessment
- knowledge and technology transfer
- experimentation and testing

- understanding business opportunities
- supporting the preparation of business and financial models
- access to financial institutions and investors
- supporting the use of InvestEU



- supporting short-term advanced digital skills trainings
- supporting job placements

- brokering between end-users and potential suppliers of technological solutions
- finding solutions at other DIHs



How can DIHs help in times of COVID-19?

Insights from the webinar held on 25/03/2020

<https://spaces.fundingbox.com/spaces/dihnet-eu-community-how-can-dihs-help-in-times-of-covid>



**Helping SMEs
and public sector**



Needs of public sector organisations

Insights from the webinar held on 25/03/2020

Short-term (reactive)

- Real-time **communication** tools (for trustworthy information and communication in case of emergency as well as for the implementation of public actions)
- Online **communities**, where people can ask for help (to get food or medicine) and other people are willing to help
- Digital tools to speed up **reporting** of infection cases
- **Analytic tools** to better identify the current situation and the spread of the disease.
- Increased **tele-medicine**, tele-monitoring and tele-consultation as well as self-diagnosis (especially for the vulnerable, elderly and chronic patients)
- Facilitate the **procurement** of COVID-19 related supplies or innovative solutions; both for healthcare and for administrative processes

Medium- to long-term (reactive)

- Development and implementation of a **recovery** roadmap
- Support for strengthening **resilience** and coping after the crisis

| Immediately | | During (partial) lockdown | | Midterm | |
|----------------------|------------------------|---------------------------|------------------------|--------------------|------------------------|
| Tackling the disease | Mitigating the effects | Tackling the disease | Mitigating the effects | Tackling pandemics | Mitigating the effects |

Digital solutions (existing)

Insights from the webinar held on 25/03/2020

Short-term (reactive)

- Smart work (remote municipality meetings, home schooling, etc.)
- Digitally enabled administrative procedures (CEF Building Blocks eID, eSignature, eDelivery, eProcurement, eInvoicing, JoinUp, etc.)
- Interactive communication with citizens (chatbots, CEF Building Block eTranslation, matching supply/demand for help, etc.)
- Mapping tools and data analytics (following spread of crisis, dashboards, tracking, localizing, CEF Context Broker, etc.)



Health & social care:

- Tele-medicine, health monitoring apps & Chatbots for chronic patients and elderly
- Pooling expertise for the development and production of respirators and other scarce medical equipment
- Pooling together 3D printers and makerlabs for printing masks and protective equipment
- Securing hospitals' cyber environment



Share and reuse Interoperability solutions for
public administrations, businesses and citizens

EU Connecting Europe Facilities (CEF) Building Blocks



Big data

A free big data analytics sandbox to power your data-driven decision-making



Blockchain

Build the next generation of European Blockchain services



Context Broker

Make data-driven decisions in real time, at the right time



eArchiving

Preserve, migrate and reuse data securely, according to European Standards



eDelivery

Exchange electronic data and documents in an interoperable and secure way



eID

Offer services capable of electronically identifying users from all across Europe



eInvoicing

Send and receive electronic invoices in line with European directives



eSignature

Create and verify electronic, paperless signatures



eTranslation

Enable multilingual public services and communication



Once Only Principle

Reduce administrative burden for individuals and businesses

[APPLY FOR GRANTS](#)

<https://ec.europa.eu/cefdigital/wiki/display/CEFDIGITAL>

Digital solutions (ideas)

Insights from the webinar held on 25/03/2020

Medium- to long-term (reactive)

Capacity building:

- Improve change management capacities in public sector organisations and build capabilities to operate in case of a new crisis
- eLearning content to support organisations in the pandemic and post-pandemic situation

Tools:

- Resilience strategy and related (digital) tools
- Develop a 'crisis package' for administrations that can be configured per type of crisis, including a set of digital services and tools.
- Develop a uniform app to be deployed in all EU Member States
- Integrated system of all available platforms, increased interoperability and more collaboration

JOIN, BOOST, SUSTAIN

Next steps

- Exploring how to leverage **data analytics, big data and AI**: dedicated community space on DIHNET, with the view of helping public administrations increase their resilience
- Separate discussion topic will be launched on eHealth (**'Proposals to combat the virus and its health consequences'**) and others such as (**'Proposals for central, EU wide / EC managed offerings'**) on the DIHNET community space
- Webinar on 30/04/2020 : **'How can DIHs help the transition towards smart cities'**
- Online Language Technology workshop on 29/05/2020: **Chatbots & Dialogue Systems**
- **Towards building a resilience toolkit for cities**

Need to anticipate social, economic, political impact of COVID-19...

Further info

Digital Innovation Hubs catalogue: <https://s3platform.jrc.ec.europa.eu/digital-innovation-hubs-catalogue>

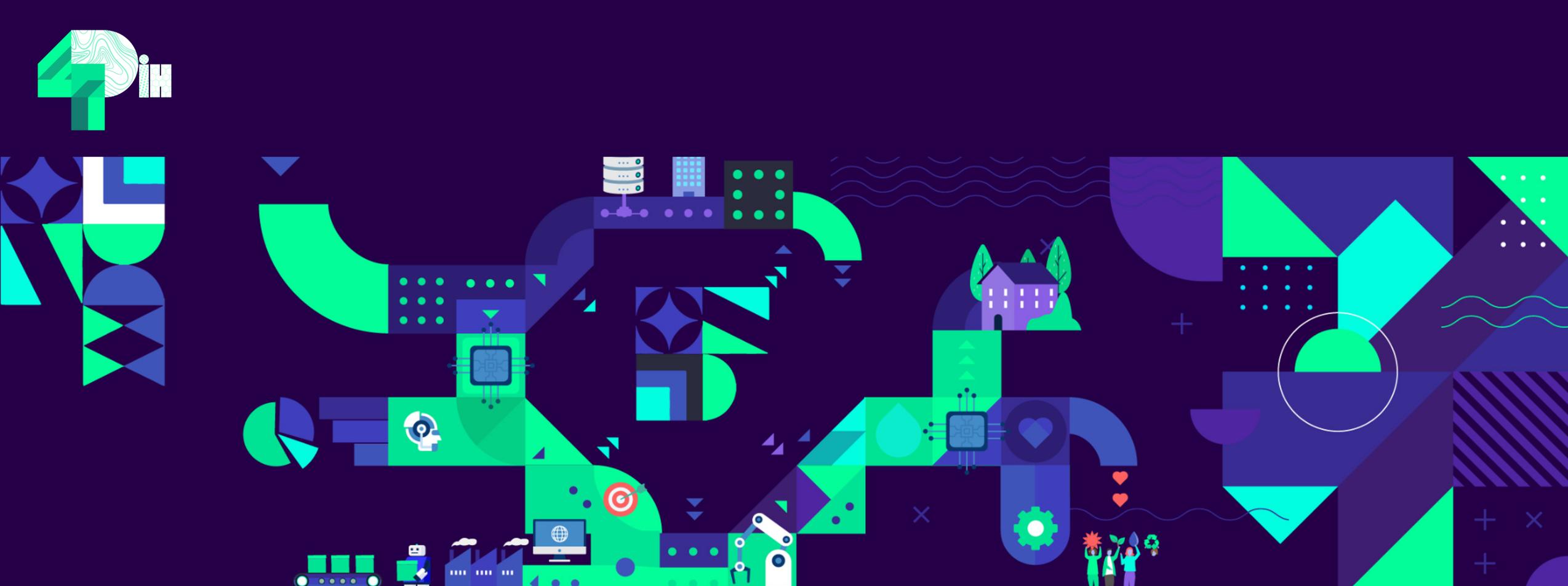
Digital Innovation Hubs Community (DIHNET): <https://fundingbox.com/c/dihnet-community-1>

How can DIHs help in times of COVID-19? : <https://spaces.fundingbox.com/spaces/dihnet-eu-community-how-can-dihs-help-in-times-of-covid>

CEF Building Blocks for smart cities: <https://eu-smartcities.eu/events/cef-building-blocks-smart-cities>

JoinUp: <https://joinup.ec.europa.eu/>

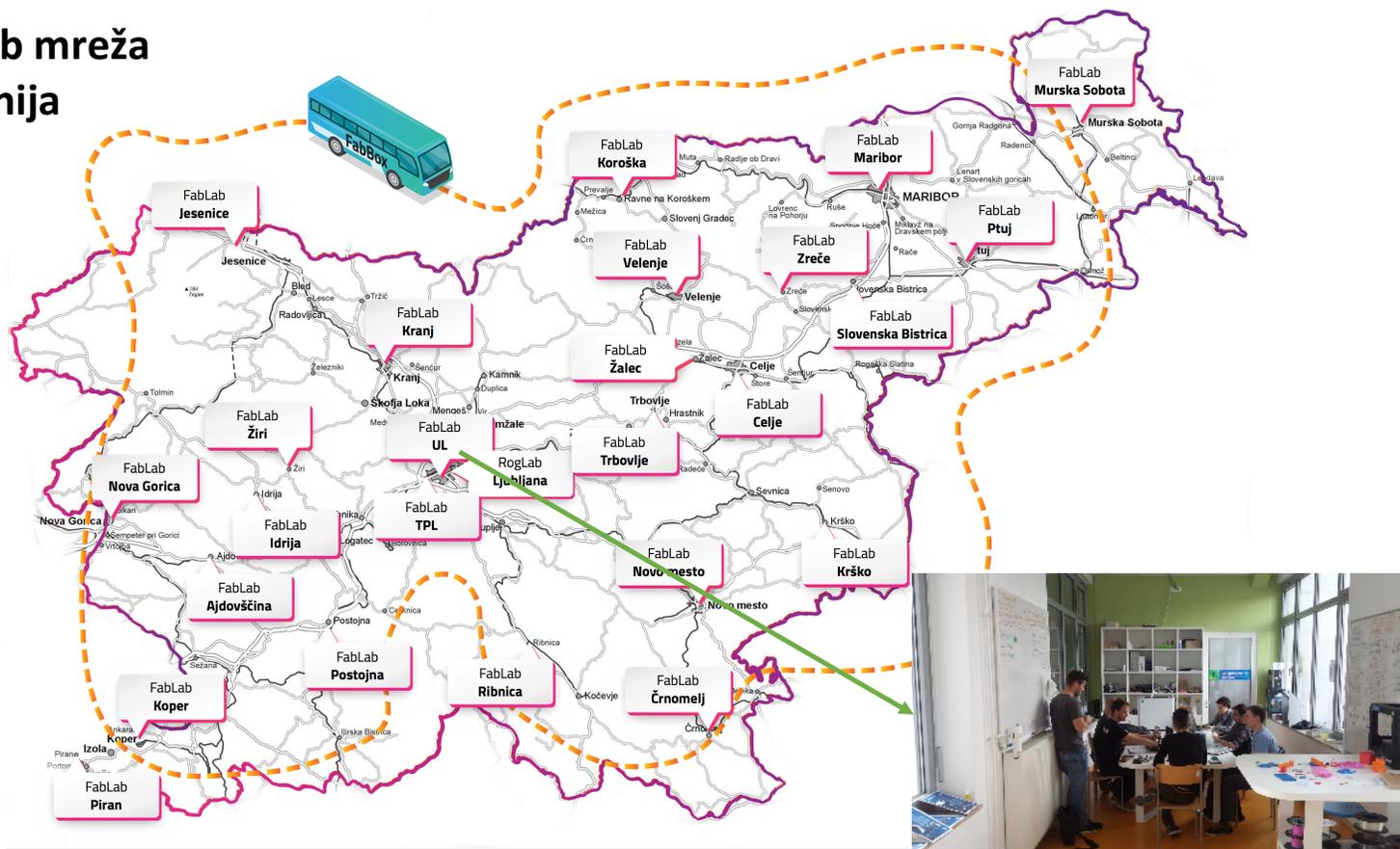
Join, Boost, Sustain Declaration: <http://www.living-in.eu/>



FabLab Slovenia and 4PDIH community support (during COVID-19 pandemic)

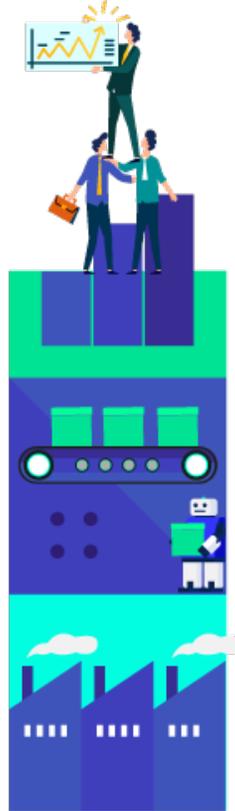
FabLab Slovenia

FabLab mreža Slovenija

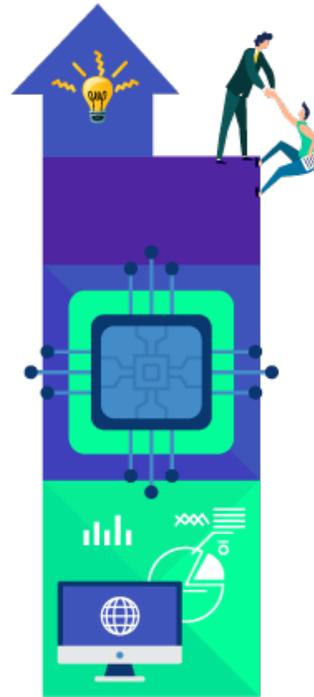


- <http://fablab.si/>
- 91 partners
- 29 FabLabs
- 1 Mobile FabBox
- Rural-urban linkages

4PDIH – Public, Private, People Partnership



PRIVATE
SECTOR



EDUCATION



PUBLIC
ADMINISTRATION

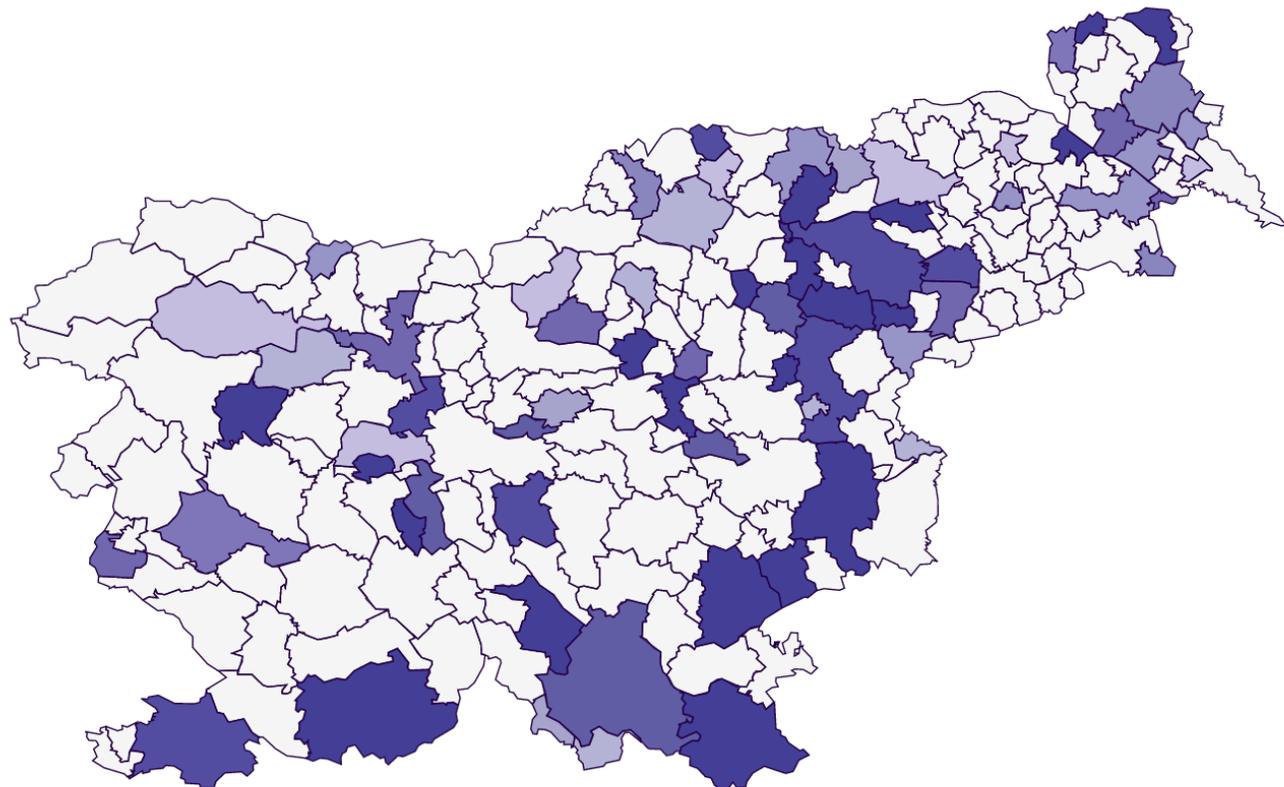


COMMUNITIES

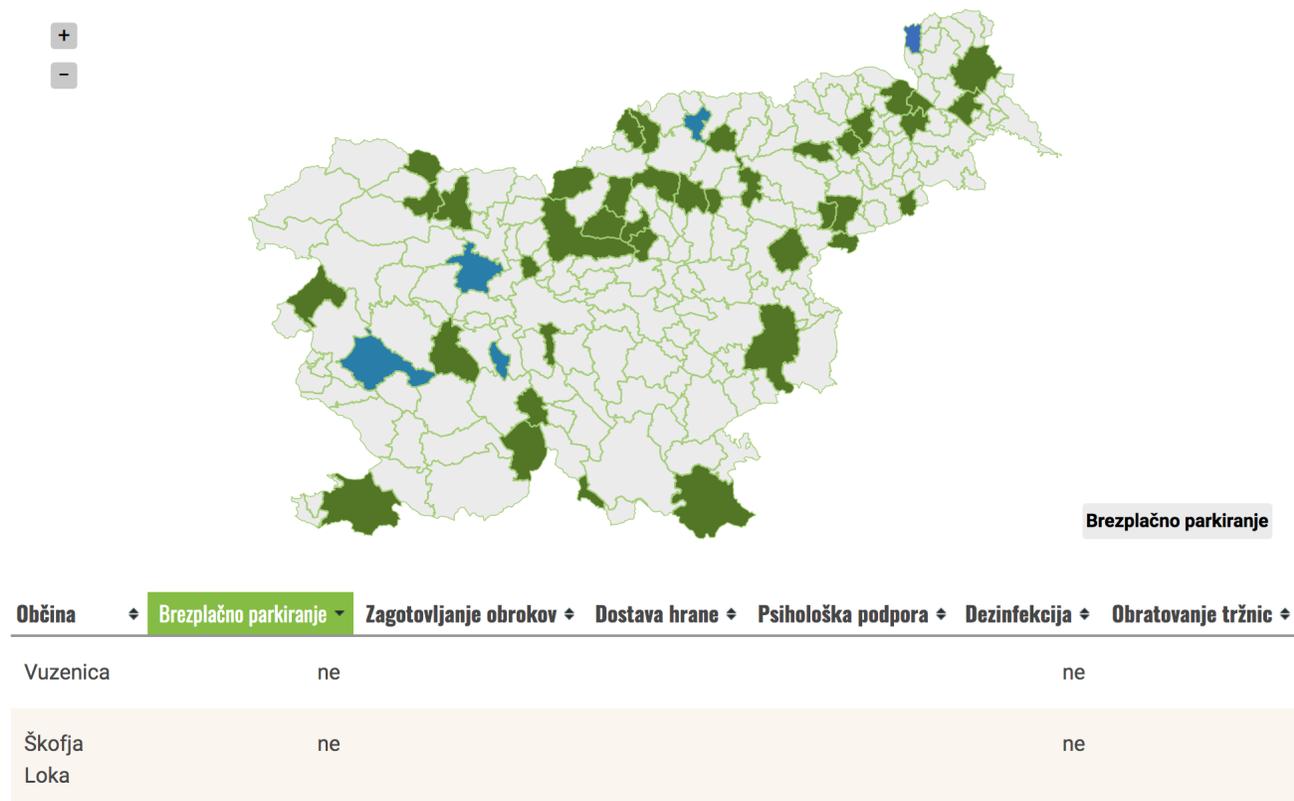
Digitalisation priorities

- Collaboration with the Ministry of Public Administration and the Association of Municipalities of Slovenia– collect the needs of the municipalities in order to prepare future policies and instruments

- <https://4pdih.com/orodje/>



Services offered by the municipalities



Remote work support

- A list of tools for remote working:
<https://4pdih.com/produktivnost-na-daljavo/>
- Remote meeting “protocol”;
- Webinars for technical, legal and organizational issues for remote municipality meetings;
- Technical support during municipal council meetings



“Pomoč na dlani” – Helping hand

- A digital platform to connect people who seek help with people and organisations who offer help for free:
- <https://pomocnadlani.4pdih.com/>



3D – printed masks

- Open source resources / instructions for personal production of certain assets (mask, visor, disinfectant).
- <https://zascitimo.si/>



What have we found out?

- Many bottom-up, community led initiatives – local food producers, protective materials, volunteers, etc.;
- Lack of intuitive and easy to use digital platforms;
- Lack of digital skills and competencies, especially in rural areas;
- Rural-urban linkages are very important, in both ways;
- Collaboration (on different levels) is crucial – let public administrators at least know what you are up to.
- Regulation – coupons
- Still a lot of work to be done 😊

4PDIH

Dr. Emilija Stojmenova Duh

Emilija.Stojmenova@fe.uni-lj.si



REPUBLIKA SLOVENIJA
MINISTRSTVO ZA JAVNO UPRAVO


Skupnost občin Slovenije
Association of Municipalities and Towns of Slovenia



Univerza v Ljubljani
Fakulteta za elektrotehniko



Eva Revilla Penaranda

Policy Officer for EU Industrial
Clusters

Cluster Collaboration Platform



COVID-19 Industrial Clusters Response Portal



*Eva Revilla, Policy Officer for EU Industrial Clusters
European Commission, DG GROW*



Cluster Organisations Mapping Tool

Welcome on the ECCP cluster organisations mapping tool. This tool maps cluster organisations registered on the [ECCP](#) platform and shows also data from the [European Cluster Observatory](#).

Keywords search

Enter keywords here...

Clear

Selected list

Country & Regions

Country

All countries

Cluster Organisations

Only with an entrepreneurship friendly ecosystem.

Filter cluster organisations which have:

- Incubator Accelerator Co-working Space
 Investor Technology Center

Sectoral Industries

Emerging industries



Covid-19 Industrial Clusters Response Portal

EU updates key for industry

Demand from public authorities

Solutions

Cluster Map

Join the Community or
Subscribe for Newsletter



This webpage supports the efforts of industrial clusters to address the challenges posed by the COVID-19 epidemic in Europe. Over 1100 offers from companies were already channeled to the European Commission via clusters with the support from the European Cluster Alliance.

This webpage has been created to facilitate the interaction of the industrial cluster community to allow fast and direct responses within the community itself too. Its objective is twofold:

- Serve as a one-stop shop where reliable information can be found on actions and decisions of the European Commission for industry and especially industrial clusters.
- Support an open discussion forum where actors can share their experiences, solutions, requests and questions

Our COVID-19 forum for industrial clusters is now open to all registered users of the European Cluster Collaboration Platform as a place to share your needs, questions, experiences and solutions with the community. Connect! Solve! Save!

Tweets by @Clusters_EU



ECCP
@Clusters_EU

Replying to @Clusters_EU

You can also join a community of industrial cluster actors and help overcome the coronavirus crisis by sharing your ideas and questions on the COVID-19 Response Forum: clustercollaboration.eu/forum/covid_19

Embed

View on Twitter

UPCOMING EVENTS | [VIEW ALL](#)



EU updates key for industry



30 national measures adopted under the Temporary Framework for State Aid measures of the European Commission

On 19 March 2020 the European Commission has adopted a Temporary Framework for State Aid measures to support the economy in the current COVID-19 outbreak. The Temporary Framework provides for five types of aid which can be granted by Member States: Direct grants, selective tax advantages and advance payments State guarantees for loans taken by companies from banks Subsidised public loans to companies...

[Read more](#)

📅 Apr 01, 2020 👤 alina daniellescu 🏷️ COVID-19, European Commission, state-aid, temporary framework



European Commission: How can public buyers make fast and efficient purchases during coronavirus crisis? EU guidelines here

The European Commission has made available guidance on how to use all the flexibilities offered by the EU public procurement framework in the emergency situation caused by the coronavirus outbreak. The guidance outlines the options and flexibilities provided by the EU legislation and provides an overview of the choice of tendering procedures available to public buyers and applicable deadlines. Read here...

[Read more](#)

📅 Apr 01, 2020 👤 alina daniellescu 🏷️ COVID-19, European Commission, public procurement, guidance



In force from today 1 April: EUR 37 billion from EU Funds available for national governments to help SMEs pay salaries and bills, buy medical supplies and have liquidity

As part of the Coronavirus Response Investment Initiative (CRII), the European Commission proposal to mobilise €37 billion from EU Funds to support Member States in countering the COVID19 crisis as adopted by the European Union Council enters into force on 1 April 2020 . Please find more details here .

[Read more](#)

📅 Apr 01, 2020 👤 alina daniellescu 🏷️ COVID-19, European Commission, Coronavirus Response Investment Initiative, funds, Member States



Member States: Schengen restrictions on land, air and sea borders

The coronavirus outbreak has pushed many Member States to reintroduce border controls at internal borders on the grounds of an immediate threat to public policy. Member States must notify the Commission and the other Member States before taking action, specifying the reasons, scope and duration of the measures. The European Parliament Think Tank has



Intelligent Cities Challenge:
COVID-19 webinars
Friday, 03 April 2020



Belgium
ECSO Cyber Investor Days
Wednesday, 13 May 2020



Republic of Korea (South Korea)
Business opportunity for
European design...
Monday, 25 May 2020

1 of 5



OPEN CALLS | VIEW ALL

The INNOSUP-01-2018-2020 call for proposals for cluster facilitated projects for new industrial value chains is now open!
Deadline: 15/04/2020

Nordic Innovation Call for proposals:
Circular Cities & New Circular Solutions
Deadline: 21/04/2020

Call for Proposals: Nordic Smart Mobility
and Connectivity - Round 2
Deadline: 23/04/2020

1 of 8



LATEST NEWS | VIEW ALL



Industrial clusters as drivers of
the European economy: results
from the 20...
Mar 31, 2020



Smart guide to cluster policy
monitoring and evaluation
published
Mar 27, 2020

Demand from public authorities

[SPAIN: AMETIC, the Spanish Electronics and IT Associations of Industry in need of miniature electro valves for artificial ventilators](#)

The General Secretariat for Industry and Small and Medium Enterprise within the Ministry of Industry, Trade and Tourism in Spain has recently published an emergency post informing that AMETIC, the Spanish Electronics and IT Association of Industries is looking for miniatures electro valves. AMETIC is managing the support to scale up production in Spanish companies that manufacture artificial ventilators, in a call opened by the Ministry.

Contact: mar.villarrubia@grupopremo.com

[ITALY: Attention to clusters in MedTech sector! International Call for Tenders to Purchase Medical Equipment](#)

In order to face the outbreak of COVID-19 epidemic, the Lombardy Region is launching several international calls for tenders to purchase medical equipment to treat the most seriously ill patients who need to be hospitalized and also a list of equipment needed to protect doctors and health personnel from the next two months of emergency.

[SPAIN: Urgent Demand for First Necessity Items from the Community of Madrid](#)

[Madrid Automotive Cluster](#) is working hand in hand with the General Directorate of Industry of the Community of Madrid to channel the offers and demands of medical material urgently needed.

[Calling for GNSS apps supporting authorities and citizens in the COVID-19 emergency response and recovery](#)

The [European Global Navigation Satellite Systems Agency \(GSA\)](#) is compiling a repository of apps using [Global Navigation Satellite Systems](#) as a knowledge bank of solutions that are being used to fight the COVID-19 pandemic.

Solutions

[Recommendations to policymakers: Unleashing the potential of Additive Manufacturing to fight COVID-19](#)

Select the newsletter(s) to which you want to subscribe or unsubscribe.

Weekly Digest

Quaterly Newsletter

Enter your email address...

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By subscribing to our newsletters you agree to our [Privacy Policy](#). You may unsubscribe at any time.

[EC website with all actions on the Coronavirus crisis in all 24 languages](#)





Welcome to the COVID19 Forum for Industrial Cluster Actors

Here you can share your needs, offers, questions, experiences and solutions with the community. This forum is open to all registered users of the European Cluster Collaboration Platform. If you are not yet a member then please create an account [<here>](#). If you experience any issues logging into your account please read our FAQs [<here>](#). Please remember to read and abide by the forum rules. To contact one of our moderators directly please send messages to covid19response@clustercollaboration.eu

▸ Forum Rules



| | Forum | Topics | Posts | Last post |
|--|---|--------|-------|---|
| | I need help (Demand from authorities, health care providers and industrial clusters, etc) Subforums: Masks (0), PPE personal protection equipment (other than masks) (1), Ventilators (4), Testing kits (0), 3D printing of medical equipment and spare parts (2) | 8 | 13 | Calling for GNSS... by Claudia Valle 1 day 20 hours ago |
| | I can help (offers for supply and other help) | 6 | 9 | Digitization to... by Claudia Valle 23 hours 3 min ago |
| | Discussion on technological solutions and tips (Incl. cross sector collaboration) Subforums: 3D printing (7), Reusability of equipment (7), PPE personal protection equipment (1), Advanced textiles (0), Testing kits (0) | 15 | 27 | The different... by Nina Hoppmann 2 hours 25 min ago |
| | Best practices sharing | 5 | 7 | Social Economy in... by Nina Hoppmann 1 hour 5 min ago |
| | Economic effect Subforums: Forecasting (1), Immediate effects and actions (coping with supply chain disruptions and other immediate effects) (1), Medium / long term Plans (0) | 3 | 3 | 2020 Manifesto... by Claudia Valle 4 hours 17 min ago |
| | Funding opportunities (please check also posts under I need help) | 14 | 17 | Coronavirus... by Claudia Valle 4 hours 8 min ago |
| | Social aspects Subforums: Long term plans and actions (0), Immediate actions (2) | 6 | 7 | an example... by Vasco Lagarto 53 min 58 sec ago |
| | Supporting policies (examples from regions, countries, questions, discussions, proposals) | 10 | 13 | Spain: Guidance... by Nina Hoppmann 2 hours 59 min ago |

www.clustercollaboration.eu/coronavirus



Thank you

The Intelligent Cities Challenge is a support programme that will help 100 EU cities leverage advanced technologies to support sustainable growth and improve the quality of life in urban areas

The call for Expressions of Interest is open until May 29th 2020

Transform your city. Register now at <https://www.intelligentcitieschallenge.eu>

April 2020

Disclaimer

These materials are being made available in response to the urgent need for measures to address the COVID-19 crisis. These materials reflect general insight based on currently available information and are not exhaustive nor do they contain all of the information needed to determine a future course of action. Such information has not been independently verified and is inherently uncertain and subject to change. These materials do not constitute legal, medical or other regulated advice. Particularly in light of rapidly evolving pandemic, regulatory and market supply conditions, these materials are provided “as is” solely for information purposes without any representation or warranty, including as to the accuracy, completeness or usefulness of information, compliance, design, efficacy, performance, quality or safety of any products, or capability or quality of any suppliers or manufacturing operations.